

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035235.D
 Acq On : 16 Apr 2024 13:12
 Operator : SY/MD
 Sample : P2100-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAPO

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/18/2024
 Supervised By :Semsettin Yesilyurt 04/18/2024

Quant Time: Apr 17 02:48:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	188799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	187104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78251	4.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.532	69	64673	4.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.059	65	33546	4.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.809	46	171001	57.188	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.380%
24) Chloroform-d	4.249	84	136419	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.944	65	65526	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.960	84	256765	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.989	67	83313	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.243	98	204871	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.558	79	24540	4.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.027	63	111124	45.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.440%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	60542	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	73708	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28463	1.903	ug/L	99
12) 1,1-Dichloroethene	2.069	96	78967	5.509	ug/L	91
16) Methylene chloride	2.445	84	240693	13.334	ug/L	98
19) 1,1-Dichloroethane	3.114	63	21474	0.729	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	408844	27.151	ug/L	99
25) Chloroform	4.275	83	78706	2.748	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	7267	0.309	ug/L	95
31) Carbon tetrachloride	4.738	117	5200	0.259	ug/L	97
34) Trichloroethene	5.831	95	7956339	514.283	ug/L	98
38) Bromodichloromethane	6.442	83	3529	0.186	ug/L	87
45) 1,1,2-Trichloroethane	7.783	97	1647	0.153	ug/L	95
47) Tetrachloroethene	7.902	164	175570	14.306	ug/L	96
49) Dibromochloromethane	8.178	129	3268m	0.293	ug/L	
59) Bromoform	9.673	173	1074	0.217	ug/L #	89
67) 1,2-Dichlorobenzene	11.577	146	6768	0.271	ug/L #	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

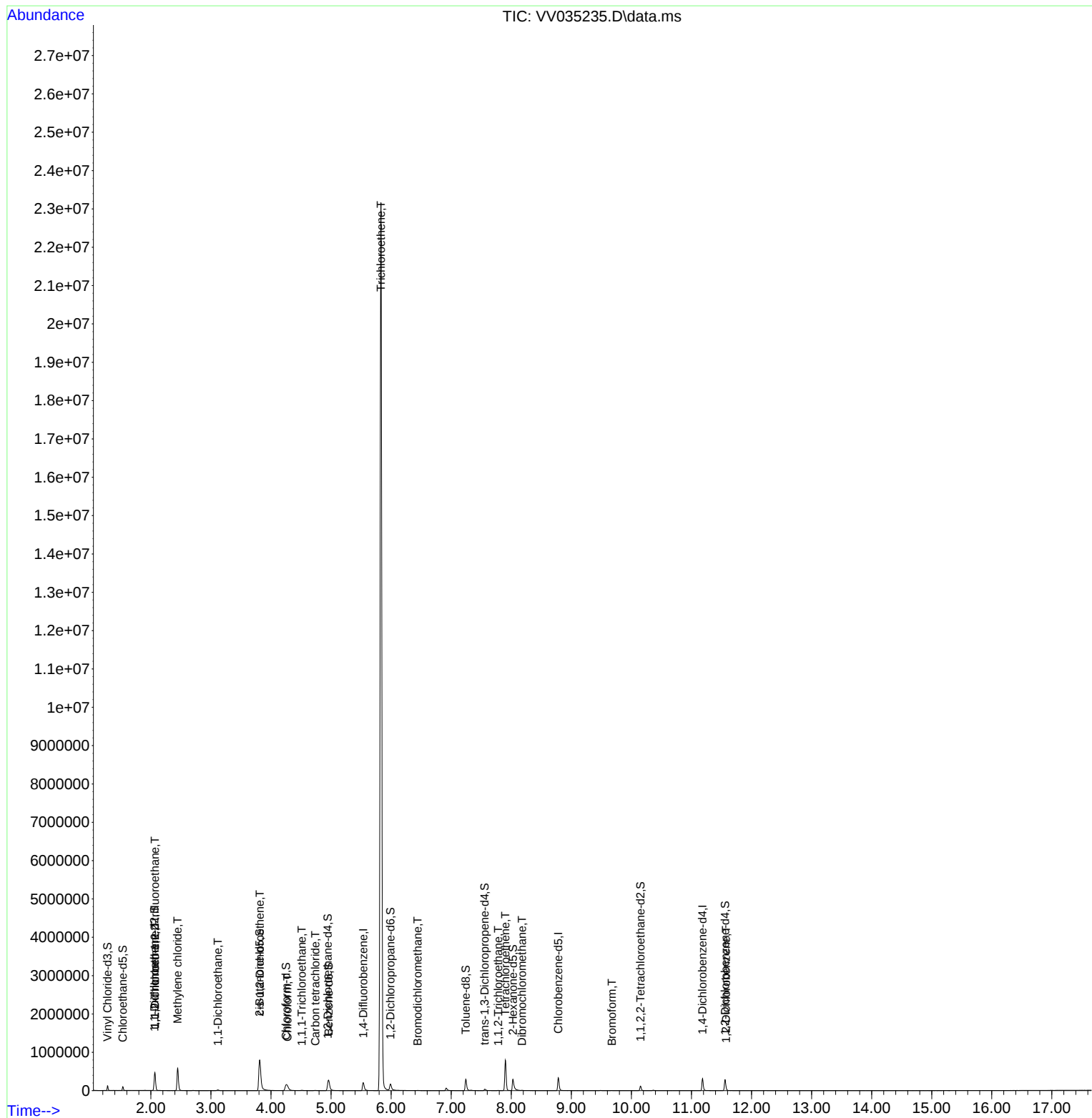
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
Data File : VV035235.D
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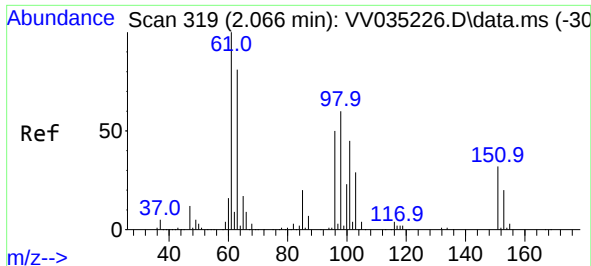
Instrument :
MSVOA_V
ClientSampleId :
C0AP0

Manual Integrations
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Quant Time: Apr 17 02:48:37 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 17 02:28:28 2024
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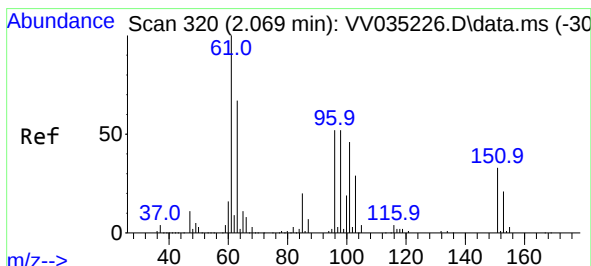
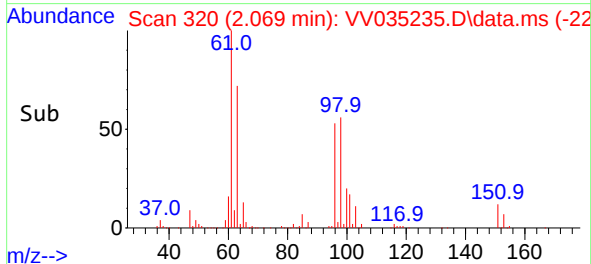
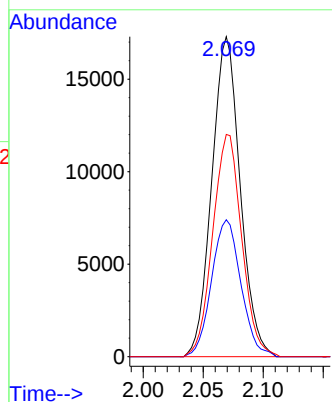
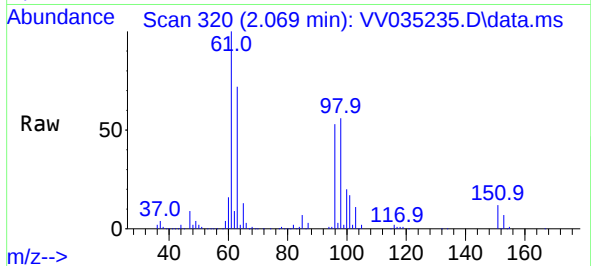
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.903 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

Instrument :
MSVOA_V
ClientSampleId :
C0AP0

Tgt Ion:101 Resp: 2846
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.6
151 70.8 56.2 84.2

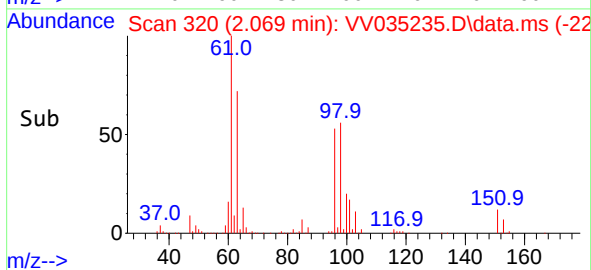
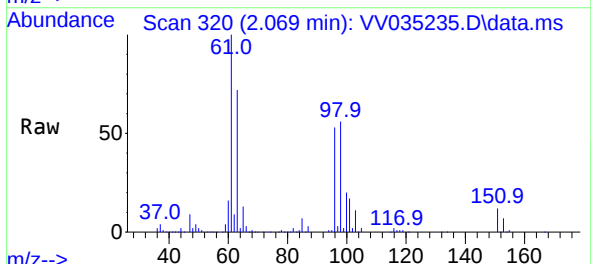
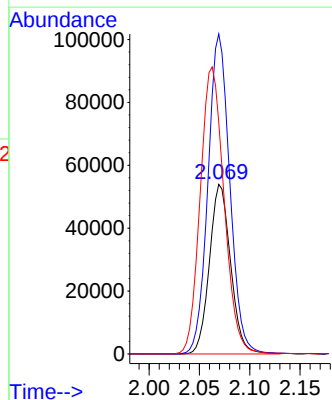
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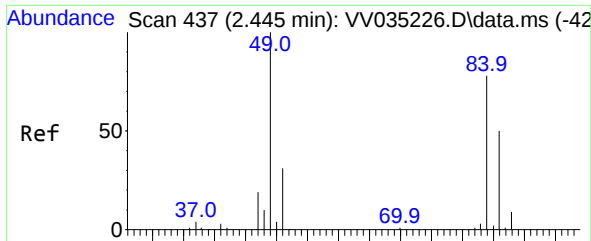
Reviewed By :Mahesh Dadoda 04/18/2024
Supervised By :Semsettin Yesilyurt 04/18/2024



#12
1,1-Dichloroethene
Concen: 5.509 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

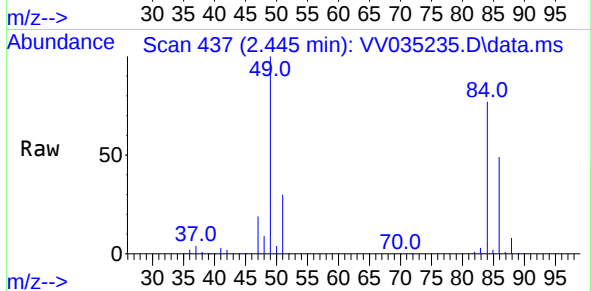
Tgt Ion: 96 Resp: 78967
Ion Ratio Lower Upper
96 100
61 188.6 133.5 247.9
63 136.6 112.5 208.9





#16
Methylene chloride
Concen: 13.334 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

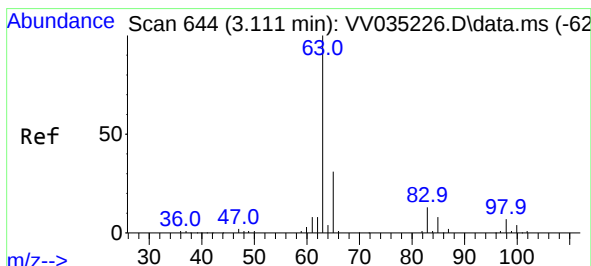
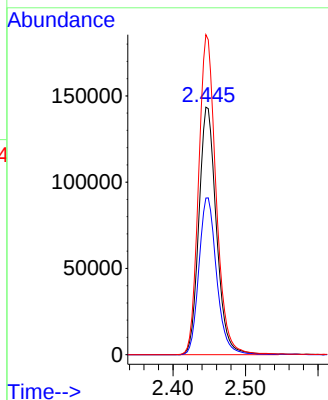
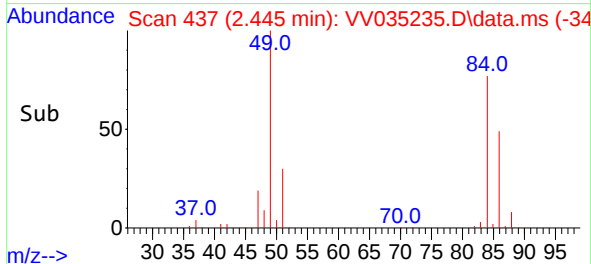
Instrument :
MSVOA_V
ClientSampleId :
C0AP0



Tgt Ion: 84 Resp: 240693
Ion Ratio Lower Upper
84 100
86 63.3 45.6 84.6
49 129.3 89.5 166.1

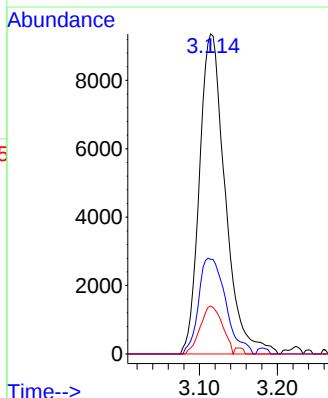
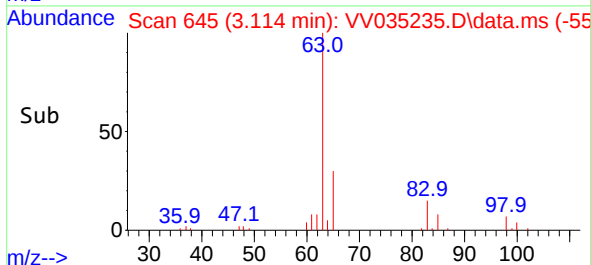
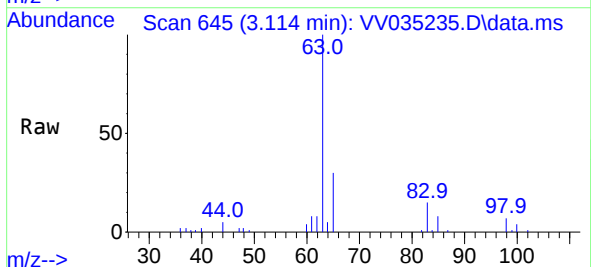
Manual Integrations
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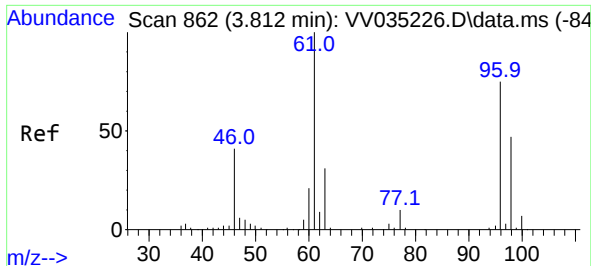
Reviewed By :Mahesh Dadoda 04/18/2024
Supervised By :Semsettin Yesilyurt 04/18/2024



#19
1,1-Dichloroethane
Concen: 0.729 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

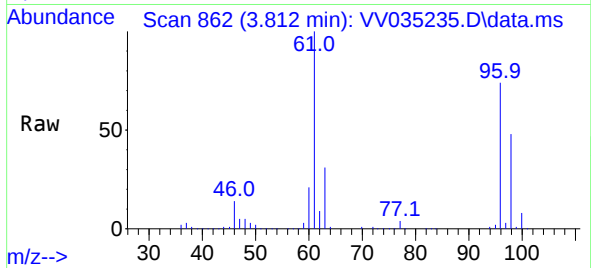
Tgt Ion: 63 Resp: 21474
Ion Ratio Lower Upper
63 100
65 29.6 22.2 41.2
83 15.0 9.4 17.4





#22
cis-1,2-Dichloroethene
Concen: 27.151 ug/L
RT: 3.812 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

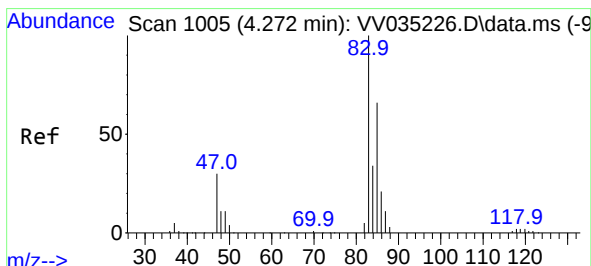
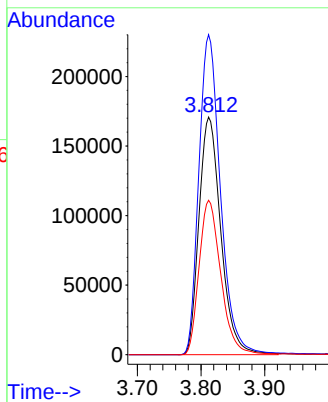
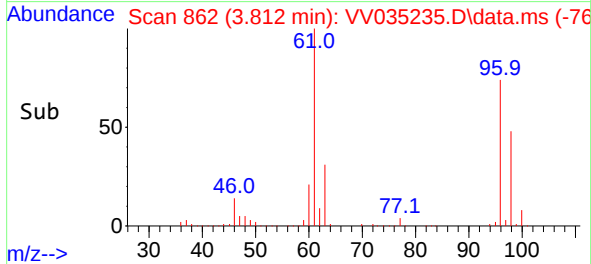
Instrument :
MSVOA_V
ClientSampleId :
C0AP0



Tgt Ion: 96 Resp: 408844
Ion Ratio Lower Upper
96 100
61 134.6 92.8 172.4
98 65.0 45.5 84.5

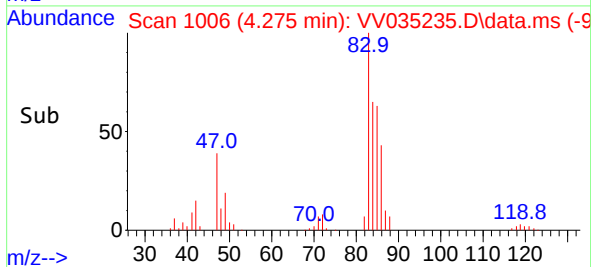
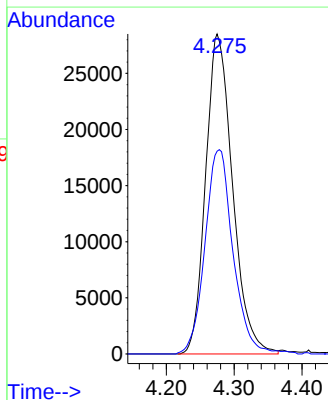
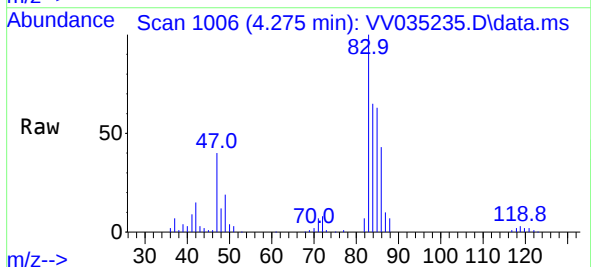
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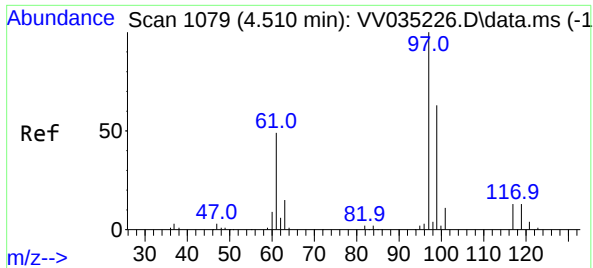
Reviewed By :Mahesh Dadoda 04/18/2024
Supervised By :Semsettin Yesilyurt 04/18/2024



#25
Chloroform
Concen: 2.748 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

Tgt Ion: 83 Resp: 78706
Ion Ratio Lower Upper
83 100
85 63.3 46.0 85.4





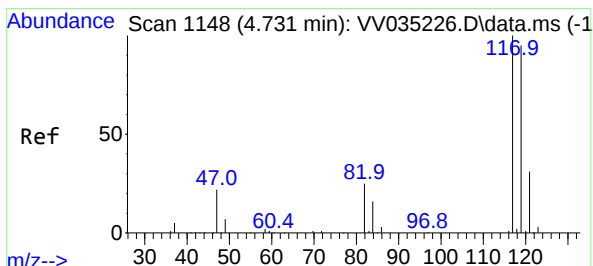
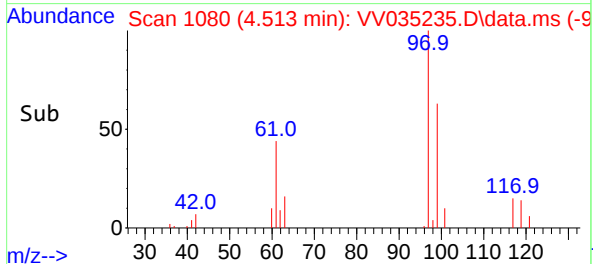
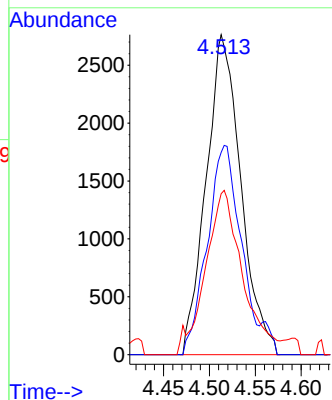
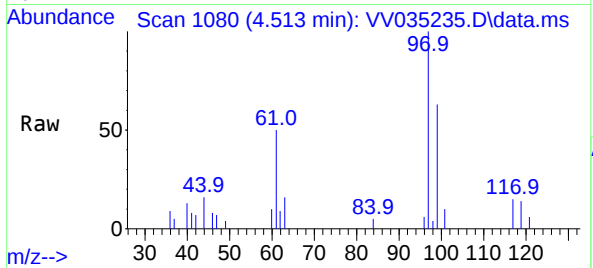
#29
1,1,1-Trichloroethane
Concen: 0.309 ug/L
RT: 4.513 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

Instrument :
MSVOA_V
ClientSampleId :
C0AP0

Tgt Ion: 97 Resp: 726
Ion Ratio Lower Upper
97 100
99 62.8 51.4 77.2
61 54.7 38.3 57.5

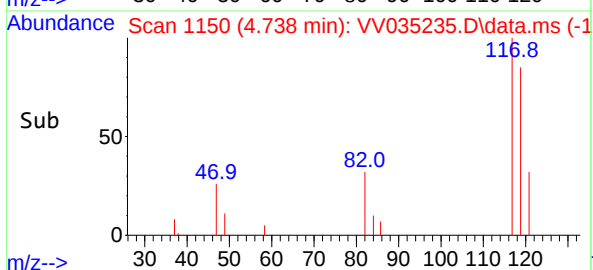
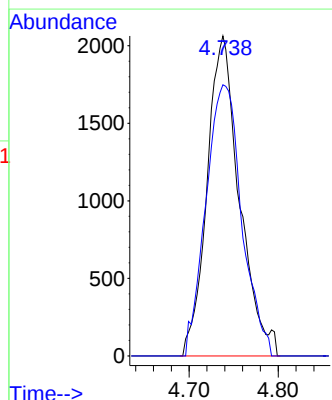
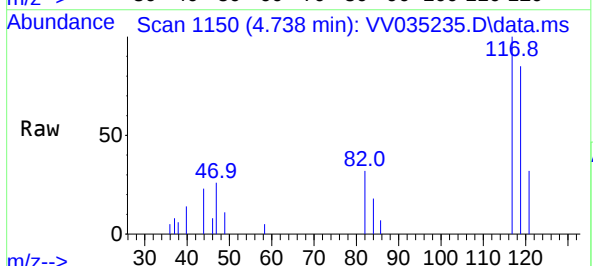
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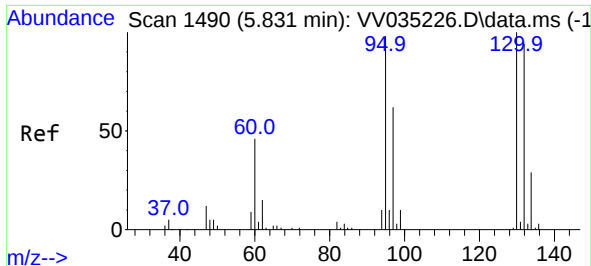
Reviewed By :Mahesh Dadoda 04/18/2024
Supervised By :Semsettin Yesilyurt 04/18/2024



#31
Carbon tetrachloride
Concen: 0.259 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

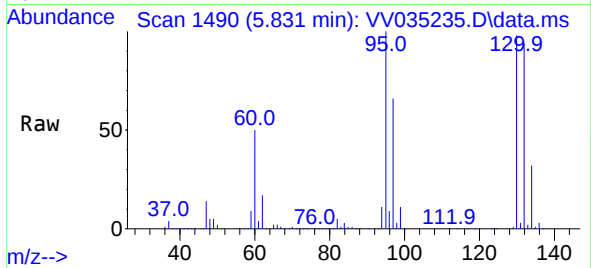
Tgt Ion:117 Resp: 5200
Ion Ratio Lower Upper
117 100
119 93.8 77.0 115.6





#34
Trichloroethene
Concen: 514.283 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

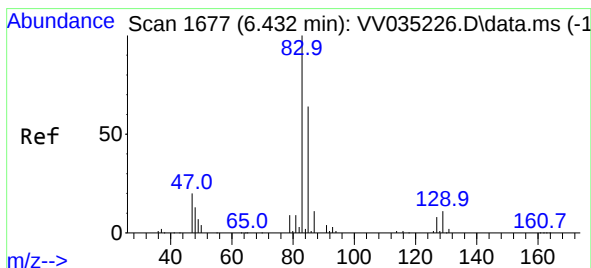
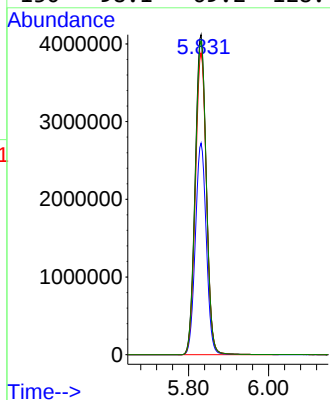
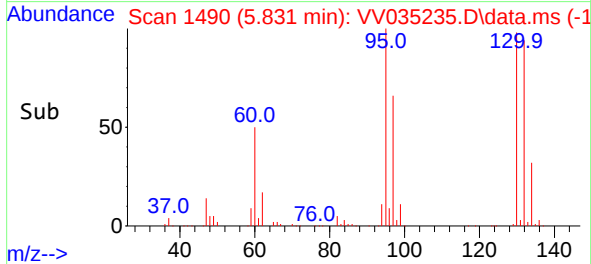
Instrument :
MSVOA_V
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C0AP0



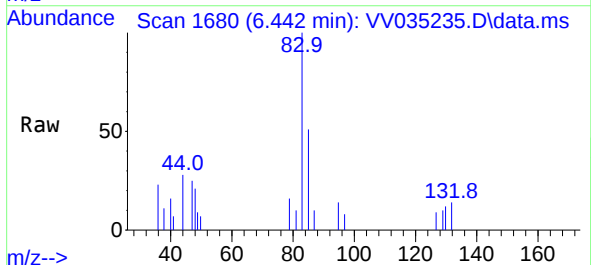
Tgt Ion: 95 Resp: 7956339
Ion Ratio Lower Upper
95 100
97 66.1 44.7 82.9
132 94.4 64.8 120.3
130 98.1 69.2 128.4

Manual Integrations
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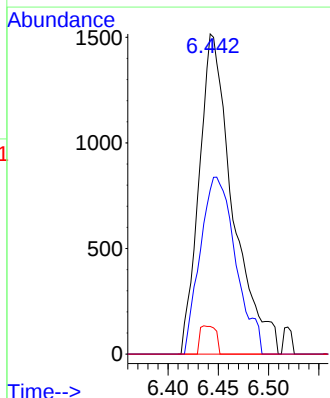
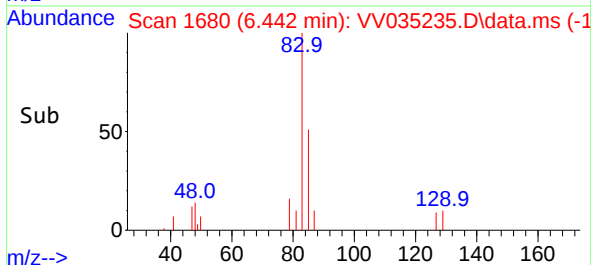
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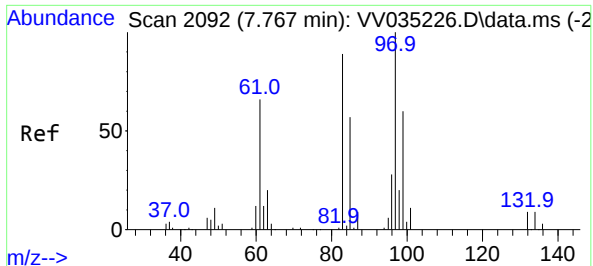


#38
Bromodichloromethane
Concen: 0.186 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.010 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12



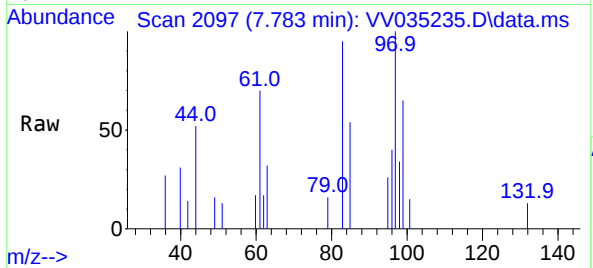
Tgt Ion: 83 Resp: 3529
Ion Ratio Lower Upper
83 100
85 51.3 43.8 81.4
127 8.6 6.3 9.5





#45
1,1,2-Trichloroethane
Concen: 0.153 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.016 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

Instrument :
MSVOA_V
ClientSampleId :
C0AP0

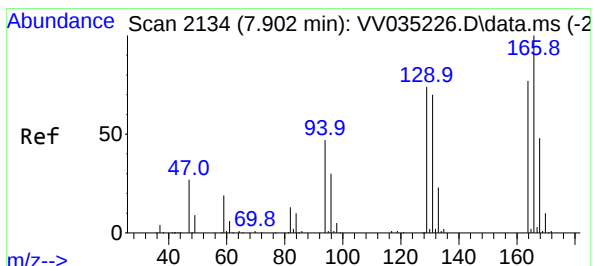
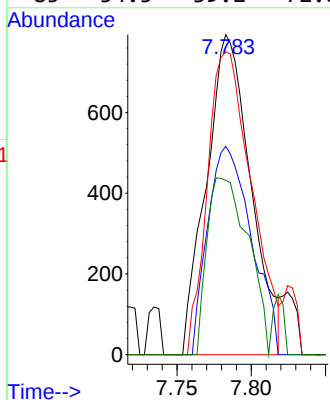
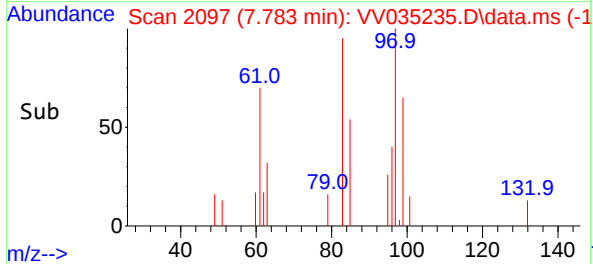


Tgt Ion: 97 Resp: 164

Ion	Ratio	Lower	Upper
97	100		
99	65.1	44.2	82.2
83	94.7	60.2	111.8
85	54.5	39.2	72.8

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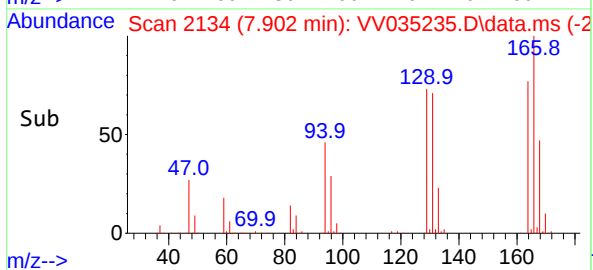
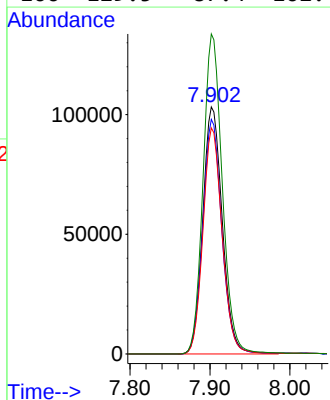
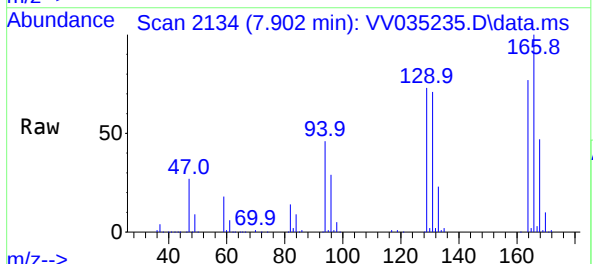
Reviewed By :Mahesh Dadoda 04/18/2024
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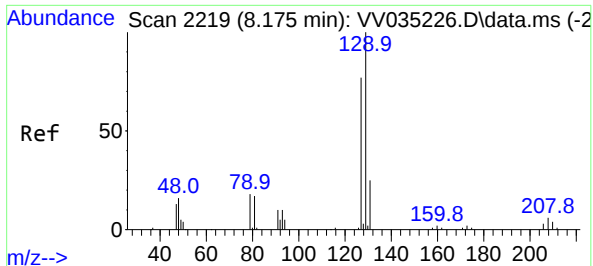


#47
Tetrachloroethene
Concen: 14.306 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

Tgt Ion:164 Resp: 175570

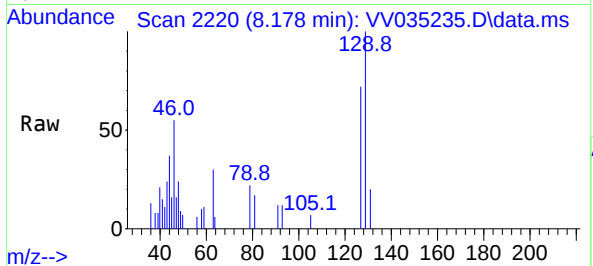
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.3	121.3
131	91.5	60.9	113.1
166	129.5	87.4	162.4





#49
Dibromochloromethane
Concen: 0.293 ug/L m
RT: 8.178 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

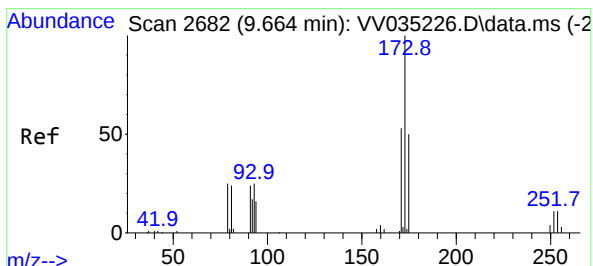
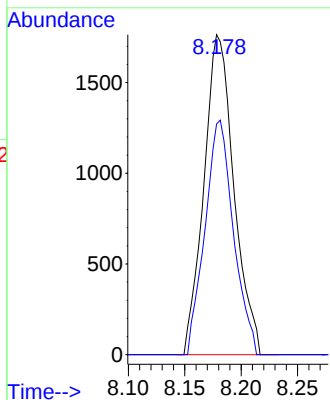
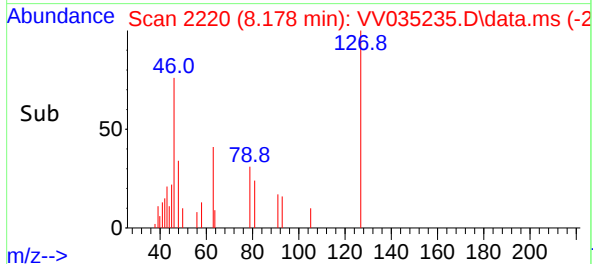
Instrument :
MSVOA_V
ClientSampleId :
COAP0



Tgt Ion:129 Resp: 3268
Ion Ratio Lower Upper
129 100
127 72.1 55.2 102.6

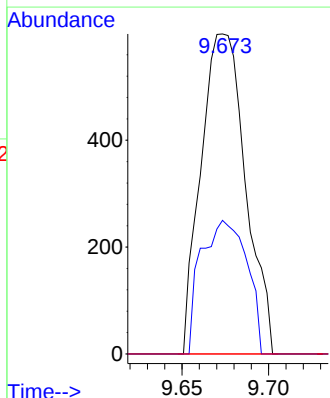
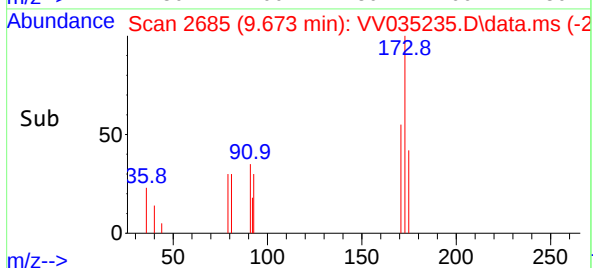
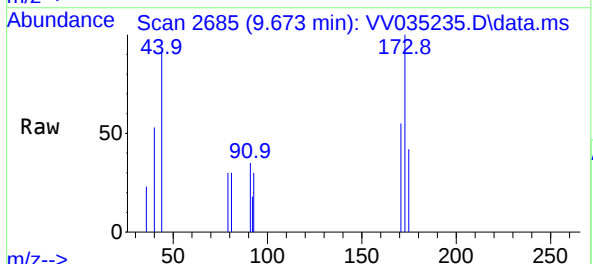
Manual Integrations
APPROVED

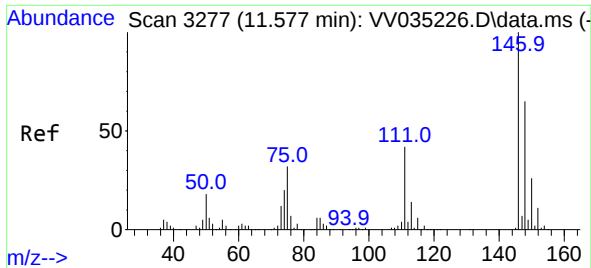
Reviewed By :Mahesh Dadoda 04/18/2024
Supervised By :Semsettin Yesilyurt 04/18/2024



#59
Bromoform
Concen: 0.217 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.010 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

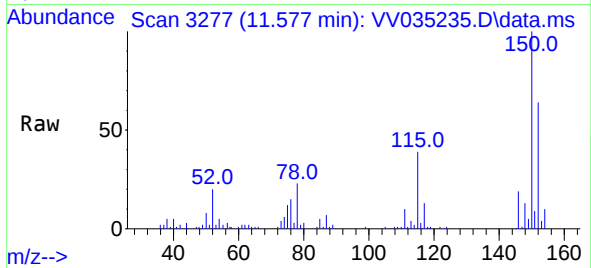
Tgt Ion:173 Resp: 1074
Ion Ratio Lower Upper
173 100
175 42.8 38.6 57.8
254 0.0 8.2 12.2#





#67
1,2-Dichlorobenzene
Concen: 0.271 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV035235.D
Acq: 16 Apr 2024 13:12

Instrument :
MSVOA_V
ClientSampleId :
C0AP0



Tgt Ion:146 Resp: 6768
Ion Ratio Lower Upper
146 100
111 52.0 33.7 50.5
148 67.5 50.2 75.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/18/2024
Supervised By :Semsettin Yesilyurt 04/18/2024

